

## COLOR research and application

### Index to Volume 16, 1991

This is the fourth index to *COLOR research and application*. It covers Volume 16, 1991.

In the Subject Index, items are listed under one or more subject categories (listed below) ranging from Appearance to Vision. The title of the item is followed by the author(s), volume, page, and year. If the item is a Color Forum, Industrial Note, Letter to the Editor, Meeting Report, News

Item, Erratum, Necrology, or Note, the appropriate words will appear after the title; articles are not specifically designated in this way. Book reviews are listed as "Review of . . ."

The Author Index is similarly structured within listings. Items are listed under the name of the first author, in alphabetical order. Co-authors are listed and cross referenced.

#### Subject Index Terms

Appearance (other than color)  
Art  
Biography  
Chromatic adaptation  
CIE system  
Color appearance  
Color atlases  
Color differences  
Color formulation  
Colorimetry  
Color matching  
Color metrics  
Color order systems  
Color perception  
Color reproduction  
Color scaling

Color spaces  
Color theory  
Color vision  
Colour Group (of Great Britain)  
Computers  
Design  
DIN color system  
Displays  
Education  
Fluorescence  
General  
Geometric aspects  
Gloss  
History  
Illuminants  
Instruments

Machine vision  
Matrix R  
Measurement  
Metamerism  
Munsell system  
Natural Color System  
Necrology  
Optics  
Organizations  
OSA color system  
Photometry  
Radiometry  
Sources  
Standards  
Terminology  
Vision

## Appearance (other than color)

- Cesia: A System of Visual Signs Complementing Color, Caivano, J.L., **16**, 258 (1991)  
 Review of *The Measurement of Appearance*, by Hunter, R.S.; Harold, R.W., Reviewed by Marcus, R.T., **16**, 344 (1991)

## Art

- The Chevreul Color System, Heila, E., **16**, 198 (1991)  
 Color Harmony Attributes (Note), Burchett, K.E., **16**, 275 (1991)  
 Review of *Ben Cunningham: A Life with Color*, by Nemser, C., Reviewed by Luke, J.T., **16**, 399 (1991)  
 Review of *Primary Sources, Selected Writings on Color from Aristotle to Albers*, edited by Sloane, P., Reviewed by Bliss, A.C., **16**, 344 (1991)  
 Structural Correspondence between Music and Color, Sebba, R., **16**, 81 (1991)

## Biography

- The First C. James Bartleson Symposium on Color Appearance, Hunt, W.G., Jr., **16**, 57 (1991)  
 Review of *Ben Cunningham: A Life with Color*, by Nemser, C., Reviewed by Luke, J.T., **16**, 399 (1991)

## Chromatic adaptation

- Formulation and Testing of an Incomplete-Chromatic-Adaptation Model, Fairchild, M.D., **16**, 243 (1991)  
 Lightness Perception of Chromatic Object Colors, Nayatani, Y.; Umemura, Y.; Sobagaki, H.; Takahama, K.; Hashimoto, K., **16**, 16 (1991)

## CIE system

- An Optimization Algorithm for Designing Colored Glass Filters to Simulate CIE Illuminant D65, Liu, Y.; Berns, R.S.; Shu, Y., **16**, 89 (1991)  
 Field Trials for Assessing the Method of Observer Metamerism Adopted by the CIE, Nayatani, Y.; Tanaka, T.; Sobagaki, H.; Takahama, K.; Hashimoto, K., **16**, 97 (1991)

## Color appearance

- Erratum to "Revised Colour-Appearance Model for Related and Unrelated Colours," Hunt, R.W.G., **16**, 351 (1991)  
 The First C. James Bartleson Symposium on Color Appearance (A Brief Look Back), Hunt, R.W.G., Jr., **16**, 57 (1991)  
 Hue Cycle Described by Graphs and Color Names, Pridmore, R.W., **16**, 114 (1991)  
 Lightness Perception of Chromatic Object Colors, Nayatani, Y.; Umemura, Y.; Sobagaki, H.; Takahama, K.; Hashimoto, K., **16**, 16 (1991)  
 Predicting the Lightness of Chromatic Object Colors Using CIELAB, Fairchild, M.D.; Pirrotta, E., **16**, 385 (1991)  
 Quantifying Colour Appearance. Part I. LUTCHI Colour Appearance Data, Luo, M.R.; Clarke, A.A.; Rhodes, P.A.; Schappo, A.; Scrivener, S.A.R.; Tait, C.J., **16**, 166 (1991)  
 Quantifying Colour Appearance. Part II. Testing Colour Models Performance Using LUTCHI Colour Appearance Data, Luo, M.R.; Clarke, P.A.; Rhodes, P.A.; Schappo, A.; Scrivener, S.A.R.; Tait, C.J., **16**, 181 (1991)  
 Review of *The Measurement of Appearance*, by Hunter, R.S.; Harold, R.W., Reviewed by Marcus, R.T., **16**, 344 (1991)  
 Revised Colour-Appearance Model for Related and Unrelated Colours, Hunt, R.W.G., **16**, 146 (1991)

## Color atlases

- The Accuracy of the NCS Atlas Samples, Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 108 (1991)  
 Color Notes on Munsell Book of Color, Nearly Neutrals Collection (Industrial Note), Luke, J.T., **16**, 394 (1991)  
 Erratum to "Research Note on the Accuracy of the NCS, DIN, and OSA-USC Colour Atlases," Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 140 (1991)  
 Response to Döring (Letter to the Editor), Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 397 (1991)  
 Review of *Color Image Scale*, by Kobayashi, S., Reviewed by Indow, T., **16**, 130 (1991)

## Color differences

- CIE Technical Committee 1-29, Industrial Color-Difference Evaluation (Color Forum), Alman, D.H., **16**, 219 (1991)  
 Color Tolerance Feasibility Study Comparing CRT-Generated Stimuli with an Acrylic-Lacquer Coating, Berns, R.S., **16**, 232 (1991)  
 Construction of Discrimination Ellipsoids for Surface Colors by the Method of Constant Stimuli, Indow, T.; Morrison, M., **16**, 42 (1991)  
 Erratum to "Parametric Effects on Surface Color-Difference Evaluation at Threshold," Witt, K., **16**, 140 (1991)  
 New Formula for the Computation of CIE 1976 Hue Difference (Note), Sève, R., **16**, 217 (1991)  
 Visual Determination of Suprathreshold Color-Difference Tolerances Using Probit Analysis, Berns, R.S.; Alman, D.H.; Reniff, L.; Snyder, G.D.; Balonon-Rosen, M.R., **16**, 297 (1991)

## Color formulation

- The Application of Neural Networks to Computer Recipe Prediction, Bishop, J.M.; Bushnell, M.J.; Westland, S., **16**, 3 (1991)

## Colorimetry

- Applications of Set Theoretic Methods to Color Systems, Trussell, H.J., **16**, 31 (1991)  
 CIE Technical Reports (Recent Publications Briefly Noted), **16**, 224 (1991)  
 Notes on Indices of Metamerism, (Color Forum), Billmeyer, F.W., Jr., **16**, 342 (1991)

## Color matching

- Color Tolerance Feasibility Study Comparing CRT-Generated Stimuli with an Acrylic-Lacquer Coating, Berns, R.S., **16**, 232 (1991)  
 Equivalent Lightness of Colored Objects of Equal Munsell Chroma and of Equal Munsell Value at Various Illuminances, Ikeda, M.; Ashizawa, S., **16**, 72 (1991)  
 An Evaluation of Some Tristimulus Weights, Stearns, E.I., **16**, 317 (1991)  
 Field Trials for Assessing the Method of Observer Metamerism Adopted by the CIE, Nayatani, Y.; Tanaka, T.; Sobagaki, H.; Takahama, K.; Hashimoto, K., **16**, 97 (1991)  
 Predicting the Lightness of Chromatic Object Colors Using CIELAB, Fairchild, M.D.; Pirrotta, E., **16**, 385 (1991)  
 The Purkinje Effect: Some Consideration on the Interplay of Receptor and Postreceptor Mechanisms, Ronchi, L.R., **16**, 10 (1991)  
 Quantifying Colour Appearance. Part I. LUTCHI Colour Appearance Data, Luo, M.R.; Clarke, A.A.; Rhodes, P.A.; Schappo, A.; Scrivener, S.A.R.; Tait, C.J., **16**, 166 (1991)  
 Quantifying Colour Appearance. Part II. Testing Colour Models Performance Using LUTCHI Colour Appearance Data, Luo, M.R.; Clarke, A.A.; Rhodes, P.A.; Schappo, A.; Scrivener, S.A.R.; Tait, C.J., **16**, 181 (1991)  
 Visual Determination of Suprathreshold Color-Difference Tolerances Using Probit Analysis, Berns, R.S.; Alman, D.H.; Reniff, L.; Snyder, G.D.; Balonon-Rosen, M.R., **16**, 297 (1991)

## Color metrics

Back to Helmholtz, Vos, J.J.; Walraven, P.L., **16**, 355 (1991)

## Color order systems

- The Accuracy of the NCS Atlas Samples, Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 108 (1991)  
The Chevreul Color System, Heila, E., **16**, 198 (1991)  
Erratum to "Research Note on the Accuracy of the NCS, DIN, and OSA-USC Colour Atlases," Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 140 (1991)  
Response to Döring (Letter to the Editor), Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 397 (1991)  
Review of *Evolution in Colors*, by Gerritsen, F., Reviewed by Jacobsen, N., **16**, 221 (1991)

## Color perception

- Construction of Discrimination Ellipsoids for Surface Colors by the Method of Constant Stimuli, Indow, T.; Morrison, M., **16**, 42 (1991)  
Equivalent Lightness of Colored Objects of Equal Munsell Chroma and of Equal Munsell Value at Various Illuminances, Ikeda, M.; Ashizawa, S., **16**, 72 (1991)  
Erratum to "Parametric Effects on Surface Color-Difference Evaluation at Threshold," Witt, K., **16**, 140 (1991)  
Hue Cycle Described by Graphs and Color Names, Pridmore, R.W., **16**, 114 (1991)  
Light and Color in the Open Air (Meeting Report), Carter, E.C., **16**, 133 (1991)  
Predicting the Lightness of Chromatic Object Colors Using CIELAB, Fairchild M.D.; Pirrotta, E., **16**, 385 (1991)  
Quantifying Colour Appearance. Part I. LUTCHI Colour Appearance Data, Luo, M.R.; Clarke, A.A.; Rhodes, P.A.; Schappo, A.; Scrivener, S.A.R.; Tait, C.J., **16**, 166 (1991)  
Quantifying Colour Appearance. Part II. Testing Colour Models Performance Using LUTCHI Colour Appearance Data, Luo, M.R.; Clarke, P.A.; Rhodes, P.A.; Schappo, A.; Scrivener, S.A.R.; Tait, C.J., **16**, 181 (1991)  
Review of *Natural Computation*, edited by Richards, W., Reviewed by Brill, M.H., **16**, 61 (1991)  
Theory of Primary Colors and Invariant Hues, Pridmore, R.W., **16**, 122 (1991)

## Color reproduction

Graphic Arts Technical Foundation (GATF) Hot Topics (Publications Briefly Noted), **16**, 132 (1991)

## Color scaling

Construction of Discrimination Ellipsoids for Surface Colors by the Method of Constant Stimuli, Indow, T.; Morrison, M., **16**, 42 (1991)

## Color spaces

- Hue Cycle Described by Graphs and Color Names, Pridmore, R.W., **16**, 114 (1991)  
Review of *Evolution in Colors*, by Gerritsen, F., Reviewed by Jacobsen, N., **16**, 221 (1991)  
Review of *Farbe*, by Küppers, H., Reviewed by Murch, G., **16**, 62 (1991)  
Talking About Color, Billmeyer, F.W., Jr., **16**, 144 (1991)

## Color theory

Erratum to "Revised Colour-Appearance Model for Related and Unrelated Colours," Hunt, R.W.G., **16**, 351 (1991)

Review of *Farbe*, by Küppers, H., Reviewed by Murch, G., **16**, 62 (1991)

Revised Colour-Appearance Model for Related and Unrelated Colours, **16**, 146 (1991)

Theory of Primary Colors and Invariant Hues, Pridmore, R.W., **16**, 122 (1991)

## Color vision

- Back to Helmholtz, Vos, J.J.; Walraven, P.L., **16**, 355 (1991)  
Chromatic Induction and the Locus of Unique Yellow as a Function of Stimulus Illuminance, Sewall, L.; Scheffrin, B.E.; Werner, J.S., **16**, 251 (1991)  
Effects of Luminance Level on the Saturation Function: Sensitivities Based on Saturation Discrimination, Kimura, E., **16**, 289 (1991)  
Formulation and Testing of an Incomplete-Chromatic-Adaptation Model, Fairchild, M.D., **16**, 243 (1991)  
On the Evolution of the Color Vision System (Color Forum), Kuehni, R.G., **16**, 279 (1991)  
The Purkinje Effect: Some Considerations on the Interplay of Receptor and Postreceptor Mechanisms, Ronchi, L.R., **16**, 10 (1991)  
A System of Mesopic Photometry, Trezona, P.W., **16**, 202 (1991)  
Theory of Primary Colors and Invariant Hues, Pridmore, R.W., **16**, 122 (1991)

## Colour Group (of Great Britain)

The First C. James Bartleson Symposium on Color Appearance (A Brief Look Back), Hunt, R.W.G., Jr., **16**, 57 (1991)

## Computers

- The Application of Neural Networks to Computer Recipe Prediction, Bishop, J.M.; Bushnell, M.J.; Westland, S., **16**, 3 (1991)  
Erratum to "A Colour Notation Conversion Program," Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 228 (1991)  
Review of *Illumination and Color in Computer Generated Imagery*, by Hall, R., Reviewed by Jacobsen, A., **16**, 131 (1991)  
Review of *Natural Computation*, edited by Richards, W., Reviewed by Brill, M.H., **16**, 61 (1991)

## Design

Review of *Color Image Scale*, by Kobayashi, S., Reviewed by Indow, T., **16**, 130 (1991)

## DIN color system

Erratum to "Research Note on the Accuracy of the NCS, DIN, and OSA-USC Colour Atlases," Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 140 (1991)

## Displays

- CIE Technical Reports (Recent Publications Briefly Noted), **16**, 224 (1991)  
Color Tolerance Feasibility Study Comparing CRT-Generated Stimuli with an Acrylic-Lacquer Coating, Berns, R.S., **16**, 232 (1991)  
Comparison of Reference White Standards for Video Display Units, Brill, M.H.; Derefeldt, G., **16**, 26 (1991)  
Review of *Envisioning Information*, by Tufte, E.R., Reviewed by Jacob, R.J.K., **16**, 283 (1991)

Review of *Illumination and Color in Computer Generated Imagery*, by Hall, R., Reviewed by Jacobsen, A., **16**, 131 (1991)  
1991 SPIE/SPSE Conferences on Electronic Imaging Science and Technology (Meeting Report), Arend, L., **16**, 347 (1991)

## Education

Color Harmony Attributes (Note), Burchett, K.E., **16**, 275 (1991)  
Colour and Appearance in Folklore (Meeting Report), Newall, V., **16**, 346 (1991)  
On the Evolution of the Color Vision System (Color Forum), Kuehni, R.G., **16**, 279 (1991)  
Review of *Ben Cunningham: A Life with Color*, by Nemser, C., Reviewed by Luke, J.T., **16**, 399 (1991)  
Review of *Envisioning Information*, by Tufte, E.R., Reviewed by Jacob, R.J.K., **16**, 283 (1991)  
Review of *The Measurement of Appearance*, by Hunter, R.S.; Harold, R.W., Reviewed by Marcus, R.T., **16**, 344 (1991)  
Review of *Primary Sources, Selected Writings on Color from Aristotle to Albers*, edited by Sloane, P., Reviewed by Bliss, A.C., **16**, 344 (1991)

## Fluorescence

Fluorescent Color Standard (Letter to the Editor), Newsome, D., **16**, 282 (1991)

## General

Colour and Appearance in Folklore (Meeting Report), Newall, V., **16**, 346 (1991)  
Review of *The Beauty of Light*, by Bova, B., Reviewed by Carter, E.C., **16**, 284 (1991)  
Review of *Envisioning Information*, by Tufte, E.R., Reviewed by Jacob, R.J.K., **16**, 283 (1991)  
Review of *A Natural History of the Senses*, by Ackerman, D., Reviewed by Kuehni, R.G., **16**, 221 (1991)

## Geometric aspects

Angular Reflectance Distributions for Coloured Newsprint, Gardner, J.L.; Shaw, J.E.; Bonham, J.S., **16**, 269 (1991)

## Gloss

Review of *The Measurement of Appearance*, by Hunter, R.S.; Harold, R.W., Reviewed by Marcus, R.T., **16**, 344 (1991)

## History

Back to Helmholtz, Vos, J.J.; Walraven, P.L., **16**, 355 (1991)  
Colour and Appearance in Folklore (Meeting Report), Newall, V., **16**, 346 (1991)  
The First C. James Bartleson Symposium on Color Appearance (A Brief Look Back), Hunt, R.W.G., Jr., **16**, 57 (1991)  
Review of *Primary Sources, Selected Writings on Color from Aristotle to Albers*, edited by Sloane, P., Reviewed by Bliss, A.C., **16**, 344 (1991)  
Review of *The Rise of the Wave Theory of Light: Optical Theory and Experiment in the Early Nineteenth Century*, by Buchwald, J.Z., Reviewed by Brill, M.H., **16**, 222 (1991)

## Illuminants

CIE Technical Reports (Recent Publications Briefly Noted), **16**, 224 (1991)

## Instruments

AIC Berlin Interim Symposium (Meeting Report), Hammond, H.K., III, **16**, 133 (1991)  
The Chroma Sensor® CS-5: A Tradition of Improved Performance, Rich, D.C., **16**, 322 (1991)  
Efficiency and Uniformity Comparisons between a Diffusing Optics Source and a Lamp Imaging Source, Spadaro, J., **16**, 377 (1991)  
Efficient Uniform Illuminators Using Diffusing Optics, Venable, W.H., **16**, 368 (1991)  
An Optimization Algorithm for Designing Colored Glass Filters to Simulate CIE Illuminant D65, Liu, Y.; Berns, R.S.; Shu, Y., **16**, 89 (1991)  
Propagation of Random Errors in Spectrophotometric Colorimetry, Fairchild, M.D.; Reniff, L., **16**, 360 (1991)

## Machine vision

Review of *Natural Computation*, edited by Richards, W., Reviewed by Brill, M.H., **16**, 61 (1991)

## Matrix R

Applications of Set Theoretic Methods to Color Systems, Trussell, H.J., **16**, 31 (1991)  
Recommended Terminology for Matrix R and Metamerism, Fairman, H.S., **16**, 337 (1991)

## Measurement

AIC Berlin Interim Symposium (Meeting Report), Hammond, H.K., III, **16**, 133 (1991)  
The Chroma Sensor® CS-5: A Tradition of Improved Performance, Rich, D.C., **16**, 322 (1991)  
CIE Technical Reports (Recent Publications Briefly Noted), **16**, 224 (1991)  
An Evaluation of Some Tristimulus Weights, Stearns, E.I., **16**, 317 (1991)  
Propagation of Random Errors in Spectrophotometric Colorimetry, Fairchild, M.D.; Reniff, L., **16**, 360 (1991)

## Metamerism

Applications of Set Theoretic Methods to Color Systems, Trussell, H.J., **16**, 31 (1991)  
CIE Technical Reports (Recent Publications Briefly Noted), **16**, 224 (1991)  
Field Trials for Assessing the Method of Observer Metamerism Adopted by the CIE, Nayatani, Y.; Tanaka, T.; Sobagaki, H.; Takahama, K.; Hashimoto, K., **16**, 97 (1991)  
Notes on Indices of Metamerism (Color Forum), Billmeyer, F.W., Jr., **16**, 342 (1991)  
Recommended Terminology for Matrix R and Metamerism, Fairman, H.S., **16**, 337 (1991)  
Review of *The Measurement of Appearance*, by Hunter, R.S.; Harold, R.W., Reviewed by Marcus, R.T., **16**, 344 (1991)

## Munsell system

Color Notes on Munsell Book of Color, Nearly Neutrals Collection (Industrial Note), Luke, J.T., **16**, 394 (1991)  
Equivalent Lightness of Colored Objects of Equal Munsell Chroma and of Equal Munsell Value at Various Illuminances, Ikeda, M.; Ashizawa, S., **16**, 72 (1991)  
Talking About Color, Billmeyer, F.W., Jr., **16**, 144 (1991)

## Natural Color System

The Accuracy of the NCS Atlas Samples, Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 108 (1991)  
Erratum to "Research Note on the Accuracy of the NCS, DIN, and

- OSA-USC Colour Atlases," Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 140 (1991)  
 Response to Döring (Letter to the Editor), Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 397 (1991)

## Necrology

- Hunter, Richard Sewall (1909–1991) (Obituary), **16**, 142 (1991)  
 Land, Edwin H. (Obituary), **16**, 231 (1991)  
 Richter, Prof. Dr.-Ing.-habil. Manfred (1905–1990) (Obituary), **16**, 71 (1991)

## Optics

- Efficiency and Uniformity Comparisons between a Diffusing Optics Source and a Lamp Imaging Source, Spadaro, J., **16**, 377 (1991)  
 Efficient Uniform Illuminators Using Diffusing Optics, Venable, W.H., **16**, 368 (1991)  
 Review of *The Beauty of Light*, by Bova, B., Reviewed by Carter, E.C., **16**, 284 (1991)  
 Review of *Light*, by Sobel, M.I., Reviewed by Hepfinger, L.B., **16**, 132 (1991)  
 Review of *The Rise of the Wave Theory of Light: Optical Theory and Experiment in the Early Nineteenth Century*, by Buchwald, J.Z., Reviewed by Brill, M.H., **16**, 222 (1991)

## Organizations

- AIC Berlin Interim Symposium (Meeting Report), Hammond, H.K., III, **16**, 133 (1991)  
 1990 Annual Meeting of CORM (Meeting Report), Reniff, L., **16**, 64 (1991)  
 CIE Technical Committee 1-29, Industrial Color-Difference Evaluation (Color Forum), Alman, D.H., **16**, 219 (1991)  
 1991 SPIE/SPSE Conferences on Electronic Imaging Science and Technology (Meeting Report), Arend, L., **16**, 347 (1991)

## OSA color system

- Erratum to "Research Note on the Accuracy of the NCS, DIN, and OSA-USC Colour Atlases," Smith, N.S.; Whitfield, T.W.A.; Wiltshire, T.J., **16**, 140 (1991)

## Photometry

- A System of Mesopic Photometry, Trezona, P.W., **16**, 202 (1991)

## Radiometry

- A System of Mesopic Photometry, Trezona, P.W., **16**, 202 (1991)

## Sources

- Efficiency and Uniformity Comparisons between a Diffusing Optics Source and a Lamp Imaging Source, Spadaro, J., **16**, 377 (1991)  
 Efficient Uniform Illuminators Using Diffusing Optics, Venable, W.H., **16**, 368 (1991)  
 An Optimization Algorithm for Designing Colored Glass Filters to Simulate CIE Illuminant D65, Liu, Y.; Berns, R.S.; Shu, Y., **16**, 89 (1991)

## Standards

- Comparison of Reference White Standards for Video Display Units, Brill, M.H.; Derefeldt, G., **16**, 26 (1991)  
 Fluorescent Color Standard (Letter to the Editor), Newsome, D., **16**, 282 (1991)

## Terminology

- Color Harmony Attributes (Note), Burchett, K.E., **16**, 275 (1991)  
 Recommended Terminology for Matrix R and Metamerism, Fairman, H.S., **16**, 337 (1991)

## Vision

- CIE Technical Reports (Recent Publications Briefly Noted), **16**, 224 (1991)

## Author Index

- Alman, David H.  
 —CIE Technical Committee 1-29, Industrial Color-Difference Evaluation (Color Forum), **16**, 219 (1991)  
 —; see also Berns, Roy S., 297  
 Arend, Larry  
 —1991 SPIE/SPSE Conference on Electronic Imaging Science and Technology (Meeting Report), **16**, 347 (1991)  
 Ashizawa, Shoko  
 —; see Ikeda, Mitsuo, 72  
 Balonon-Rosen, Mitchell R.  
 —; see Berns, Roy S., 297  
 Berns, Roy S.  
 —Color Tolerance Feasibility Study Comparing CRT-Generated Stimuli with an Acrylic-Lacquer Coating, **16**, 232 (1991)  
 —Visual Determination of Suprathreshold Color-Difference Tolerances Using Probit Analysis, **16**, 297 (1991)  
 —; see also Liu, Yan, 89  
 Billmeyer, Fred W., Jr.  
 —Notes on Indices of Metamerism (Color Forum), **16**, 342 (1991)  
 —CIE Technical Reports (Recent Publications Briefly Noted), **16**, 384 (1991)  
 Bishop, J.M.  
 —Application of Neural Networks to Computer Recipe Prediction, **16**, 3 (1991)  
 Bliss, Anna Campbell  
 —Review of *Primary Sources*, edited by Patricia Sloane, **16**, 344 (1991)  
 Bonham, James S.  
 —; see Gardner, James L., 269  
 Brill, Michael H.  
 —Comparison of Reference-White Standards for Video Display Units, **16**, 26 (1991)  
 —Review of *Natural Computation*, edited by Whiteman Richards, **16**, 61 (1991)  
 —Review of *The Rise of the Wave Theory of Light*, by Jed Z. Buchwald, **16**, 222 (1991)  
 Burchett, Kenneth E.  
 —Color Harmony Attributes (Note), **16**, 275 (1991)  
 Bushnell, M.J.  
 —; see Bishop, J.M., 3  
 Caivano, José Luis  
 —Cesia: A System of Visual Signs Complementing Color, **16**, 258 (1991)  
 Carter, Ellen C.

- Graphics Arts Technical Foundation (GATF) Hot Topics (Recent Publications Briefly Noted), **16**, 132 (1991)
- OSA Topical Meeting on Light and Color in the Open Air (Meeting Report), **16**, 133 (1991)
- Review of *The Beauty of Light*, by Ben Bova, **16**, 284 (1991)
- Proceedings of "Color '91" (Recent Publications Briefly Noted), **16**, 400 (1991)
- CIE Publication No. 89, Technical Collection '90 (Recent Publications Briefly Noted), **16**, 400 (1991)
- ASTM Standards on Color (Recent Publications Briefly Noted), **16**, 400 (1991)
- Clarke, Anthony A.
- ; see Luo, M. Ronnier, 166, 181
  
- Derefeldt, Gunilla
- ; see Brill, Michael H., 26
  
- Fairchild, Mark D.
- Formulation and Testing of an Incomplete-Chromatic-Adaptation Model, **16**, 243 (1991)
- Propagation of Random Errors in Spectrophotometric Colorimetry, **16**, 360 (1991)
- Predicting the Lightness of Chromatic Object Colors Using CIELAB, **16**, 385 (1991)
- Fairman, Hugh S.
- Recommended Terminology for Matrix R and Metamerism, **16**, 337 (1991)
  
- Gardner, James L.
- Angular Reflectance Distributions for Coloured Newsprint, **16**, 269 (1991)
  
- Hammond, Harry K., III
- AIC Berlin Interim Symposium (Meeting Report), **16**, 133 (1991)
- Hashimoto, K.
- ; see Nayatani, Y., 97
- Hashimoto, Kenjiro
- ; see Nayatani, Yoshinobu, 16
- Heila, Ethel
- The Chevreul Color System, **16**, 198 (1991)
- Hepfinger, Lisa B.
- Review of *Light*, by Michael I. Sobel, **16**, 132 (1991)
- Hunt, R.W.G.
- C. James Bartleson (A Brief Look Back), **16**, 57 (1991)
- Revised Colour-Appearance Model for Related and Unrelated Colours, **16**, 146, 351(E) (1991)
- Hunter, Richard Sewall
- Necrology, **16**, 143 (1991)
- Hutchings, John
- Handbook of The Colour and Appearance in Folklore Conference (Books Briefly Mentioned), **16**, 345 (1991)
- Colour and Appearance in Folklore Survey (News), **16**, 350 (1991)
  
- Ikeda, Mitsuo
- Equivalent Lightness of Colored Objects of Equal Munsell Chroma and of Equal Munsell Value at Various Illuminances, **16**, 72 (1991)
- Indow, Tarow
- Construction of Discrimination Ellipsoids for Surface Colors by the Method of Constant Stimuli, **16**, 42 (1991)
- Review of *Color Image Scale*, by Shigenobu Kobayashi, **16**, 130 (1991)
  
- Jacob, Robert J.K.
- Review of *Envisioning Information*, by Edward R. Tufte, **16**, 283 (1991)
- Jacobsen, Alan
- Review of *Illumination and Color in Computer Generated Imagery*, by Roy Hall, **16**, 131 (1991)
- Jacobson, Nathaniel
- Review of *Evolution in Color*, by Fran Gerritsen, **16**, 221 (1991)
  
- Kimura, Eiji
- Effects of Luminance Level on the Saturation Function: Sensitivities Based on Saturation Discrimination, **16**, 289 (1991)
- Kuehni, Rolf G.
- Review of *A Natural History of the Senses*, by Diane Ackerman, **16**, 221 (1991)
- On the Evolution of the Color Vision System (Color Forum), **16**, 279 (1991)
  
- Land, Edwin D.
- Necrology, **16**, 231 (1991)
- Liu, Yan
- Optimization Algorithm for Designing Colored Glass Filters to Simulate CIE Illuminant D65, **16**, 89 (1991)
- Luke, Joy Turner
- Munsell Book of Color, Nearly Neutrals Collection (Industrial Note), **16**, 394 (1991)
- Review of *Ben Cunningham: A Life with Color*, by Cindy Nemser, **16**, 399 (1991)
- Luo, M. Ronnier
- Quantifying Colour Appearance. Part I. LUTCHI Colour Appearance Data, **16**, 166 (1991)
- Quantifying Colour Appearance. Part II. Testing Colour Models Performance Using LUTCHI Colour Appearance Data, **16**, 181 (1991)
  
- Marcus, Robert T.
- Review of *The Measurement of Appearance*, by Richard S. Hunter and Richard W. Harold, **16**, 344 (1991)
- Morrison, Melvin L.
- ; see Indow, Tarow, 42
- Murch, Gerald
- Review of *Farbe: Ursprung, Systematik, Anwendung*, by Harold Küppers, **16**, 62 (1991)
  
- Nayatani, Y.
- Field Trials for Assessing the Method of Observer Metamerism Adopted by the CIE, **16**, 97 (1991)
- Nayatani, Yoshinobu
- Lightness Perception of Chromatic Object Colors, **16**, 16 (1991)
- Newall, Venetia
- Colour and Appearance in Folklore (Meeting Report), **16**, 346 (1991)
- Newsome, Don
- Letter to the Editor, **16**, 282 (1991)
  
- Pirrotta, Elizabeth
- ; see Fairchild, Mark D., 385
- Pridmore, Ralph D.
- Hue Cycle Described by Graphs and Color Names, Pridmore, R.W., **16**, 114 (1991)
- Theory of Primary Colors and Invariant Hues, Pridmore, R.W., **16**, 122 (1991)
  
- Reniff, Lisa
- 1990 Annual Meeting of the Council for Optical Radiation Measurements (Meeting Report), **16**, 64 (1991)
- ; see also Berns, Roy S., 297
- ; see also Fairchild, Mark D., 360
- Rhodes, Peter A.
- ; see Luo, M. Ronnier, 166, 181
- Rich, Danny C.
- The Chroma Sensor® CS-5: A Tradition of Improved Performance, **16**, 332 (1991)
- Richter, Manfred
- Necrology, **16**, 71 (1991)
- Ronchi, Lucia R.
- The Purkinje Effect: Some Consideration on the Interplay of Receptor and Postreceptor Mechanisms, **16**, 10 (1991)
  
- Schappo, Andre
- ; see Luo, M. Ronnier, 166, 181
- Schefrin, Brooke E.
- ; see Sewall, Laura, 251
- Scrivner, Stephen A.R.
- ; see Luo, M. Ronnier, 166, 181
- Sebba, Rachel

- Structural Correspondence Between Music and Color, **16**, 81 (1991)
- Sève, Robert
  - New Formula for the Computation of CIE 1976 Hue Difference (Note), **16**, 217 (1991)
- Sewall, Laura
  - Chromatic Induction and the Locus of Unique Yellow as a Function of Stimulus Illuminance, **16**, 251 (1991)
- Shaw, John E.
  - ; see Gardner, James L., 269
- Shu, Xuexin
  - ; see Liu, Yan, 89
- Smith, N.S.
  - The Accuracy of the NCS Atlas Samples, **16**, 108 (1991)
  - A Colour Notation Conversion Program (Erratum), **16**, 228 (1991)
  - Letter to the Editor, **16**, 397 (1991)
- Snyder, Gregory D.
  - ; see Berns, Roy S., 297
- Sobagaki, H.
  - ; see Nayatani, Y., 97
- Sobagaki, Hiroaki
  - ; see Nayatani, Yoshinobu, 16
- Spadaro, John
  - Efficiency and Uniformity Comparisons between a Diffusing-Optics Source and a Lamp Imaging Source, **16**, 377 (1991)
- Stearns, E.I.
  - An Evaluation of Some Tristimulus Weights, **16**, 317 (1991)
- Tait, Chris J.
  - ; see Luo, M. Ronnier, 166, 181
- Takahama, K.
  - ; see Nayatani, Y., 97
- Takahama, Kotaro
  - ; see Nayatani, Yoshinobu, 16
- Tanaka, T.
  - ; see Nakatani, Y., 97
- Trezona, P.W.
  - A System of Mesopic Photometry, **16**, 202 (1991)
- Trussell, H.J.
  - Applications of Set Theoretic Methods to Color Systems, **16**, 31 (1991)
- Umemura, Yoshifumi
  - ; see Nayatani, Yoshinobu, 16
- Venable, William H.
  - Efficient Uniform Illuminators Using Diffusing Optics, **16**, 368 (1991)
- Vos, J.J.
  - Back to Helmholtz, **16**, 355 (1991)
- Walraven, P.L.
  - ; see Vos, J.J., 355
- Werner, John S.
  - ; see Sewall, Laura, 251
- Westland, S.
  - ; see Bishop, J.M., 3
- Whitfield, T.W.A.
  - ; see Smith, N.S., 108, 228, 397
- Wiltshire, T.J.
  - ; see Smith, N.S., 108, 228, 397
- Witt, Klaus
  - Parametric Effects on Surface Color-Difference Evaluation at Threshold (Errata), **16**, 140 (1991)